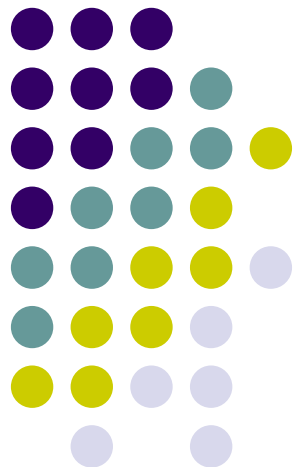
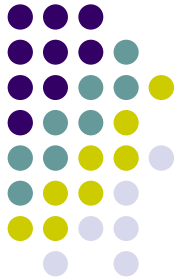
DECISIONS
KNOWLEDGE
INFORMATION
DATA

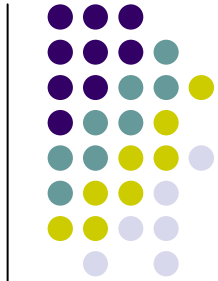


What are the ~~Problems?~~ Challenges



- Data Inventory
  - What has been collected?
    - Search for data outside project, REGIONAL approach!
  - Lack of historical data inventory
- Data Coordination
- Effective Data Collection
  - COLLECT DATA!
    - Maintain regional long-term data collection initiatives (IOOS, Regional Coastal Mapping)
  - Contract language
  - Internal/external collaboration to avoid duplication
  - Collecting FGDC metadata
  - Contract language
  - QA/QC of data deliverable
- Data Deliverables
  - Data formats, file size
- Supporting Hardware/Software
  - High-end computers or file servers cost $$
  - High cost of ESRI licenses
- Change in Business Process/Protocol
  - How do you get people to collect and format SDS data?
- Data Usability
  - Who is the audience to collect and distribute data?
- Funding

Why is it important?

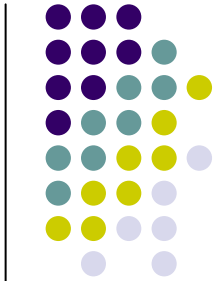


- Cost savings
- Make more informed decisions
- Accessible library of information
- Facilitate communication between agencies
- Foundation of RSM

What is the fix?

- Funding
- Personnel Organization
  - GIS Coordinators, Spatial Data Branches
  - Dedicated Personnel
- Data Distribution/Accessibility
  - Internet Map Servers, easy access to data
  - IOOS
- Systematic Approach to Coastal Data
  - Contract Language
- Communication tools (Groove, Website, RSM GIS ListServer)
- Hardware/Software Architecture

Who needs to do what by when?



WHAT

- Engage upper management to support and finance eCoastal efforts
  - Implementation Plan due this FY (THE memo)
  - Implementation due next FY
- Technical Note with examples of how eCoastal saves USACE $$

WHEN

- Engage National PDT to support eCoastal GIS
- Each District to form a interdisciplinary Spatial Data Branch
  - Add “Division Support” to vision statement

How do you measure performance?

- eCoastal data user surveys
- Compliance to THE Memo
- Cost savings
- Reduced task and study duration
- Data leveraging